

TRANSMITTAL FORM

(to be used on all correspondence after initial filing)

10/533,254
70020,0063 USWO

U.S. APPLICATION SERIAL NO.

10/533,254

CONFIRMATION NO.

7337

FILING DATE

April 29, 2005

INVENTOR(S)

Hiroyuki ISHII, et al.

EXAMINER

Not assigned

GROUP ART UNIT

Not assigned

TITLE OF APPLICATION

ACRYLIC COPOLYMER AND RADIATION-SENSITIVE RESIN COMPOSITION

ADDRESS TO:

Mailstop PCT
Commissioner for Patents
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

ENCLOSURES

- ☒ Transmittal Form (In Duplicate)
- ☒ Fee Transmittal (In Duplicate)
- ☒ Response to Notification of Missing Requirements
- ☒ Notification of Missing Requirements (Return Copy)
- ☒ Combined Declaration and Power of Attorney (4 Pages)
- ☒ English Translation of original claims from International Application No. PCT/JP03/14051
- ☒ English Translation of claims as amended under Article 19(1)
- ☒ English Translation of claims as amended under Article 34
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ PTO Form 1449 (1 Sheet)
- ☒ Cited Documents (12)
- ☒ List of Related Cases
- ☒ Return Postcard

☒ Please charge Deposit Account No. 13-2725 in the amount of \$260.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the above-noted documents, including any fees required under 35 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

CORRESPONDENCE ADDRESS

☒ The address associated with Customer Number: **23552** OR ☐ the correspondence address below.

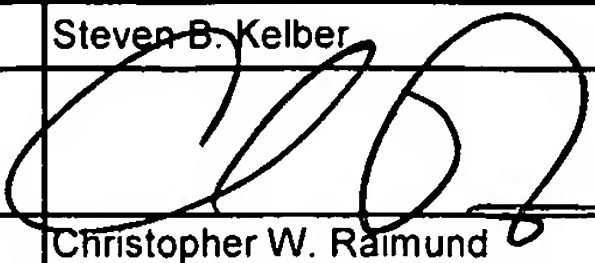
Name

Address

City

State

Zip Code

NAME	Steven B. Kelber	REGISTRATION NO.	30,073
SIGNATURE		DATE	October 25, 2005
NAME	Christopher W. Raimund	REGISTRATION NO.	47,258
		TELEPHONE	202 326-0300

Rec'd PTO 25 OCT 2005

ATTORNEY REFERENCE NO. **10/533254**
70020.00630USW

U.S. APPLICATION SERIAL NO. **10/533,254** CONFIRMATION NO. **7337**

FILING DATE
April 29, 2005

FEE TRANSMITTAL

INVENTOR(S)
Hiroyuki ISHII, et al.

EXAMINER
Not assigned

GROUP ART UNIT
Not assigned

TITLE OF APPLICATION
ACRYLIC COPOLYMER AND RADIATION-SENSITIVE RESIN COMPOSITION

☐ Applicant claims small entity status. See 37 CFR 1.27.
☐ Certain fees are reduced by 1/2.

TOTAL AMOUNT OF PAYMENT
\$260.00

☒ Please charge Deposit Account No. 13-2725 in the amount of \$260.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the documents noted below, including any fees required under 37 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed for fee processing.

The following fees have been submitted:

APPLICATION FEES

	FEE CODE	DESCRIPTION	FEE	CALCULATE
<input type="checkbox"/>	1011	Basic Filing Fee - Utility	\$300.00	
<input type="checkbox"/>	1111	Utility Search Fee	\$500.00	
<input type="checkbox"/>	1311	Utility Examination Fee	\$200.00	
<input type="checkbox"/>	1012	Basic Filing Fee - Design	\$200.00	
<input type="checkbox"/>	1112	Design Search Fee	\$100.00	
<input type="checkbox"/>	1312	Design Examination Fee	\$130.00	
<input type="checkbox"/>	1005	Provisional Application Filing Fee	\$200.00	
<input type="checkbox"/>	1014	Basic Filing Fee - Reissue	\$300.00	
<input checked="" type="checkbox"/>	1051	Surcharge - Late Filing Fee, Search Fee, Examination Fee or Oath or Dec.	\$130.00	\$130.00
<input type="checkbox"/>	1801	Request for Continued Examination	\$790.00	
<input type="checkbox"/>	1814	Terminal Disclaimer	\$130.00	
<input type="checkbox"/>	1452	Petition to Revive Unavoidably Abandoned Application	\$500.00	
<input type="checkbox"/>	1453	Petition to Revive Unintentionally Abandoned Application	\$1,500.00	
			SUB TOTAL	\$ 130.00

EXTENSION OF TIME FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1251	Extension for Response Within the First Month	\$120.00	
<input type="checkbox"/>	1252	Extension for Response Within the Second Month	\$450.00	
<input type="checkbox"/>	1253	Extension for Response Within the Third Month	\$1,020.00	
<input type="checkbox"/>	1254	Extension for Response Within the Fourth Month	\$1,590.00	
<input type="checkbox"/>	1255	Extension for Response Within the Fifth Month	\$2,160.00	
Credit for Extensions Previously Paid			SUB TOTAL	\$ 0.00

APPLICATION SIZE FEES

☐ Additional Fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 sheets or fraction thereof (round up to whole no.)	RATE
0-100	/50=	0	x \$250.00 =

\$0.00

DOCKET NO. 70020.0063USWO	U.S. APPLICATION SERIAL NO. 10/533,254	FILING DATE April 29, 2005
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CLAIM FEES

CLAIMS	NUMBER FILED	NUMBER PREV. PAID FOR	MAX. PAID	NUMBER OF ADD'L CLAIMS	RATE		
Total Claims	0	<input checked="" type="checkbox"/>	20	0	x \$50	\$0.00	\$0.00
Independent Claims	0	<input checked="" type="checkbox"/>	3	0	x \$200	\$0.00	
					+ \$360	\$0.00	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S)							
TOTAL OF ABOVE CALCULATIONS =							

APPEALS/INTERFERENCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1401	Notice of Appeal	\$500.00	
<input type="checkbox"/>	1402	Filing a Brief in Support of an Appeal	\$500.00	
<input type="checkbox"/>	1403	Request for oral Hearing	\$1,000.00	
SUB TOTAL				\$ 0.00

POST-ALLOWANCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1501/1511	Utility/Reissue Issue Fee	\$1,400.00	
<input type="checkbox"/>	1502	Design Issue Fee	\$800.00	
<input type="checkbox"/>	1503	Plant Issue Fee	\$1,100.00	
SUB TOTAL				\$ 0.00

TOTAL OF FEES SUBJECT TO REDUCTION FOR SMALL ENTITY STATUS			\$130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			x 1.00= \$130.00

FEES NOT SUBJECT TO REDUCTION FOR SMALL ENTITY STATUS

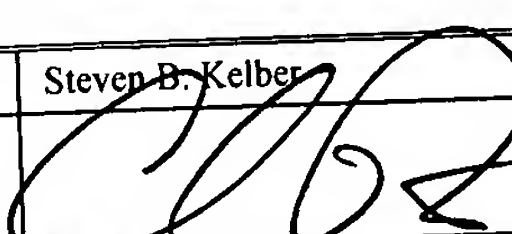
POST-ISSUANCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1811	Certificate of Correction	\$100.00	
<input type="checkbox"/>	1812	Request for Ex Parte Reexamination	\$2,520.00	
<input type="checkbox"/>	1813	Request for Inter Partes Reexamination	\$8,800.00	
SUB TOTAL				\$ 0.00

MISCELLANEOUS FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input checked="" type="checkbox"/>	1053	Non-English Specification	\$130.00	\$130.00
<input type="checkbox"/>	1806	Submission of an Information Disclosure Statement	\$180.00	
<input type="checkbox"/>	8001	Printed Copy of Patent	0 copies x \$3.00	\$0.00
<input type="checkbox"/>	8021	Recording Assignment, Agreement or Other Paper	0 properties x \$40.00	\$0.00
<input type="checkbox"/>	1504/1505	Publication/Republication Fee	\$300.00	
SUB TOTAL				\$ 130.00

TOTAL FEES SUBMITTED \$260.00

NAME	Steven B. Kelber	REGISTRATION NO.	30,073
SIGNATURE		DATE	October 25, 2005
NAME	Christopher W. Raimund	REGISTRATION NO.	47,258

10/28/2005 GFREY1 00000110 132725 10533254

01 FC:1617 130.00 DA
02 FC:1618 130.00 DA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Response to Notification of Missing Requirements Under 35 U.S.C. 371		ATTORNEY DOCKET NO. 70020.0063USWO	
		U.S. APPLICATION SERIAL NO. 10/533,254	CONFIRMATION NO. 7337
		FILING DATE April 29, 2005	
INVENTOR(S) Hiroiyuki ISHII, et al.		EXAMINER (If known) Not Assigned	ART UNIT (If known) Not Assigned
TITLE OF APPLICATION ACRYLIC COPOLYMER AND RADIATION-SENSITIVE RESIN COMPOSITION			

MAIL STOP: PCT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Dear Sir:

Responsive to the notification dated August 25, 2005 (copy attached), and in accordance with the provisions of 37 C.F.R. 1.497(a) and (b), Applicants submit herewith a Combined Declaration and Power of Attorney.

Applicants also submit herewith the following:

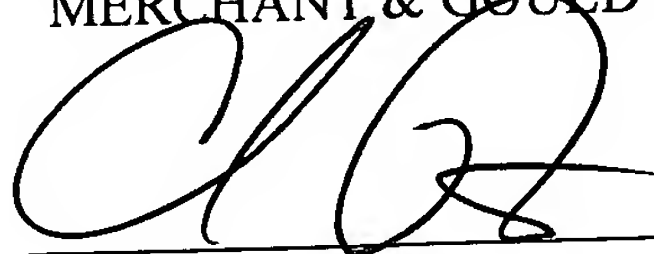
1. A copy of the original claims of International Application No. PCT/JP03/014051 along with an English translation thereof;
2. A copy of the claims as amended under Article 19(1), including an explanation of the amendment and English translations thereof; and
3. A copy of the claims as amended under Article 34 and an English translation thereof.

The required fees are submitted herewith.

In view of the foregoing, this application is deemed to be in proper condition for examination on the merits and such favorable action is earnestly solicited.

Respectfully submitted,

MERCHANT & GOULD PC



Steven B. Kelber
Registration No. 30,073

October 25, 2005

Date

P.O. Box 2903
Minneapolis, Minnesota 55402-0903
Telephone No. (202) 326-0300
Facsimile No. (202) 326-0778

Christopher W. Raimund
Registration No: 47,258

23552

Patent & Trademark Office



UNITED STATES PATENT AND TRADEMARK OFFICE

70020.0063 US WO

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,254	Hiroyuki Ishii	5988-063-27 NAT'L

INTERNATIONAL APPLICATION NO.

PCT/JP03/14051

I.A. FILING DATE

PRIORITY DATE

11/04/2003

11/05/2002

Supervisor Patent Prosecution Services
 Dla Piper Rudnick Gray Cary US
 1200 Nineteenth Street N W
 Washington, DC 20036-2412

**DLA PIPER RUDNICK
 GRAY CARY US LLP**

AUG 26 2005

CONFIRMATION NO. 7337

371 FORMALITIES LETTER

OC000000016851886

OC000000016851886

Date Mailed: 08/25/2005

Dec / English Trans. Due 10/25/05

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/29/2005
- Copy of the International Search Report filed on 04/29/2005
- Copy of IPE Report filed on 04/29/2005
- U.S. Basic National Fees filed on 04/29/2005
- Priority Documents filed on 04/29/2005

MERCHANT & GOLL
RECEIVED

AUG 30 2005

D.C. OFFICE

MPLS *ajm*

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The number of claims in the International Application and the number of claims in the translation are not the same.
 - The claims you have submitted with the specification contains the claims in the annex of the International Preliminary Examination Report. I also need the claims as published in the International Application to process this application.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,254	PCT/JP03/14051	5988-063-27 NAT'L